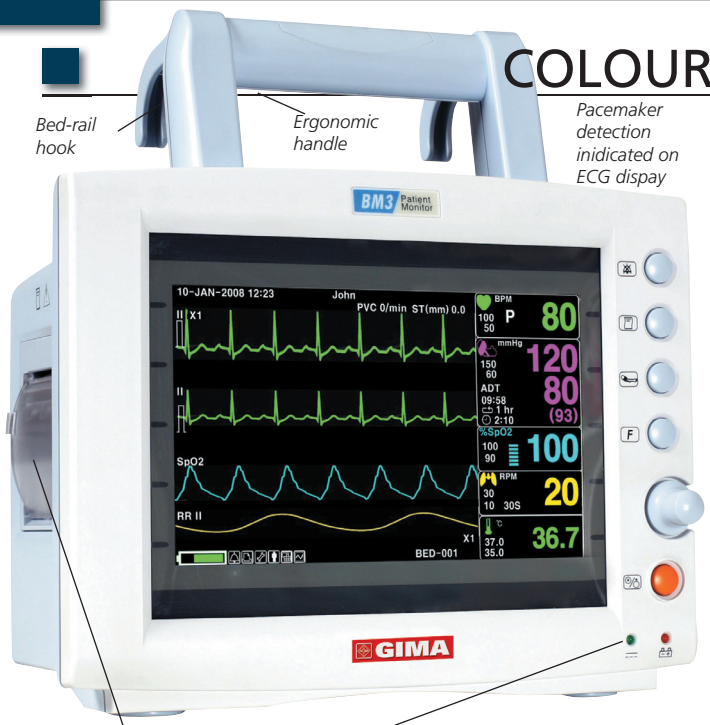
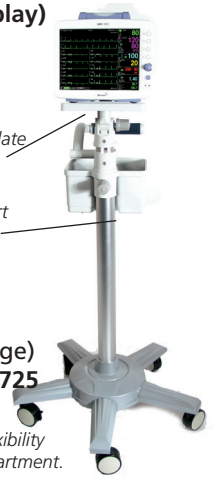
COLOUR MULTIPARAMETER MONITORS


Bed-rail hook
Ergonomic handle
Pacemaker detection inidicated on ECG dispay
58 mm built-in printer for both real time and trend date (Speeds: 25-50 mm/sec)
Battery status indicator
- operating time 2 h
- charging time 4h

- **33718 GIMA BM3 MONITOR (7" - 800X480 - TFT display)**
- **33719 GIMA BM3 VET MONITOR - VETERINARY**

ECG+SpO$_2$+NIBP+RESP+TEMPERATURE

GIMA monitors are configured with
- Heart/pulse rate
- ST analysis, PVC count display
- 3 lead ECG (5 lead optional)
- Non-invasive blood pressure (NIBP)
- Nellcor Pulse oximetry (SpO$_2$) - pitch tone
- Impedance respiration
- Temperature (sensor is optional)
- Pacemaker detection indicated on ECG dispay
- Battery and direct DC (18 VDC) input (not for recharge)
- Built-in printer (58 mm)
- 120 hours memory trend capacity
- Remote alarm function
- 20 alarm memory
- wired or wireless LAN and HL7
- Internal software selectable in GB, DE, FR; IT, PT, PL, RO, HU, ES, CZ, BG, RU, TR, CN
- User manual: English (on request: Italian, Spanish, French, German).



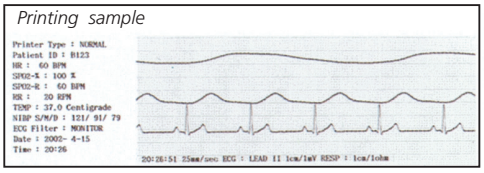
CE 0123 **33725**

Moving cart increase flexibility around the ward or department.

- **33725 CART** Adjustable height, basket included

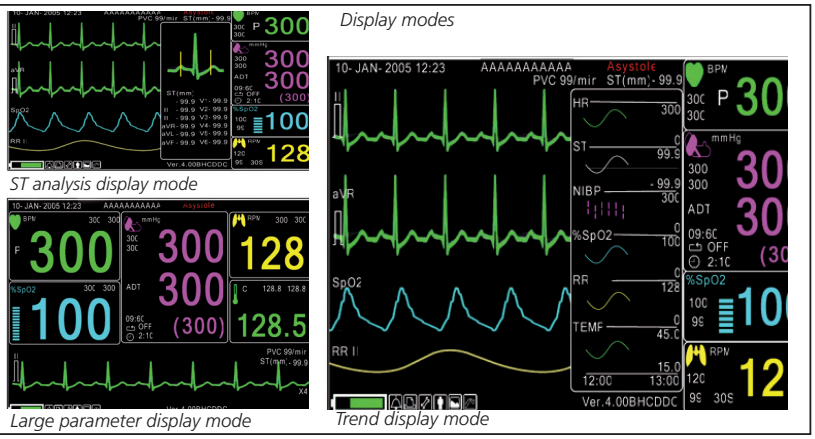
See temperature sensors, cuffs, batteries and other accessories at page 247-249.

STANDARD ACCESSORIES	33718	33719
3 lead patient cable (ECG)	•	• vet
Disposable electrodes: 10 pcs	•	•
NIBP tubing - 3m	•	•
Reusable adult cuff 25-35 cm	•	
Reusable child cuff	•	
Set of 3 veterinary cuff		•
SpO$_2$ sensor - reusable	•	• vet
SpO$_2$ sensor extension cable 2 m	•	•
Thermal printer 58 mm	•	•
DC adaptor (18 VDC, 2.5A)	•	•
Battery	•	•
User manual: English, Italian	•	•


Printing sample

Easy mounting with bed-rail hook

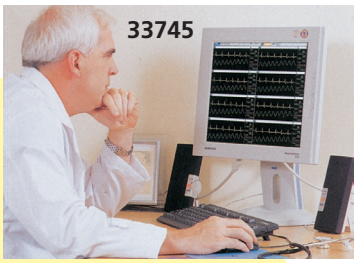
Direct connection of external monitor



PATIENT CENTRAL SYSTEM (up to 31 monitors)

It allows the user to monitor and extract the exact status of several patients simultaneously at a place. Convenient bidirectional comunication allows you to admit new patient information, set alarms at either central station or patient monitor.

- **33745 WIRE CENTRAL SYSTEM**
(PC, monitor and software)
- **33746 WIRE CONNECTION KIT**
One for any monitor to be connected.
- **33758 WIRELESS CENTRAL SYSTEM**
(PC, monitor and software)
- **33759 WIRELESS CONNECTION KIT**
One for any monitor to be connected.



TECHNICAL SPECIFICATIONS

GENERAL

Display:	7" colour TFT (800x480)
Dimensions/Weight:	238x250xh 163 mm/3.1 kg
Indicators:	Up to 4 waves (2xECG, SpO$_2$, Respiration), categorized alarms (3 priority levels), external power LED, heart rate tone, battery status
Thermal printer:	25, 50 mm/sec (paper width 58 mm)
Battery:	internal battery: Li-ion operating time: 2 hours (fully charged)
Interfaces:	LAN digital output for transferring data DC input connector: 18 VDC, 2.5 A max
Operating voltage:	100-240 V, 50-60 Hz

ECG

Leads:	3 leads, 5 leads(OPTION)
Heart Rate Range:	30 to 300 bpm
Heart Rate Accuracy:	± 3 bpm
ST level:	yes
PVC Count display:	yes
Bandwidth:	0.5 Hz to 40Hz
Display Sweep Speeds:	25mm/sec
ECG Size (Sensitivity):	0.5, 1, 2, 4 mV/cm
Pacemaker Detection Mode:	Indicator on waveform display
CMRR:	>90 dB at 50 or 60Hz
Input Dynamic Range:	± 5 mVAC, ± 300 mVDC
Defibrillator Discharge:	<4 s
Arrhythmia analysis:	VTAC/VFIB/ ASYSTOLIC
Lead-Off Detection with display indicator	

SpO$_2$

% Saturation Range:	0% to 100%
Pulse Rate Range:	0 to 254 bpm
SpO2 Accuracy:	70% to 100% ±2 digits
Pulse Rate Accuracy:	± 2 bpm

NIBP

Technique:	Oscillometric
Measurement Modes:	Manual: Single measurement Auto: Automatic intervals of 1, 2, 3, 4, 5, 10, 15, 20, 30 min. and 1, 2, 4, 8 hours Stat: Continuous measurement for 5 minutes
Cuff pressure display:	50 to 300 mmHg
B.P. measurement range:	Systolic: 0 to 260 mmHg Mean Arterial Pressure: 30 to 220 mmHg Diastolic: 20 to 200 mmHg
Adjustable Cuff Inflation Pressure	

Respirations

Range:	5 to 120 breaths/min
Accuracy:	± 3 breaths/min

Temperature Unit

Range:	15° to 45°C (59°F to 113°F)
Accuracy:	± 0.1°C
Compatible with:	YSI Series 400 Temperature Probes